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Claims Listing

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1-81. (Cancelled).

82. (Previously presented) An antibody or a fragment thereof, wherein the antibody or the fragment thereof recognizes a mammalian GBS toxin receptor or a fragment thereof.

83. (Previously presented) The antibody or the fragment thereof of Claim 2, wherein the antibody or the fragment thereof recognizes a fragment of SEQ ID NO:4 or SEQ ID NO:8.

84. (Previously presented) The antibody or the fragment thereof of Claim 2, wherein the antibody or the fragment thereof recognizes a fragment of SEQ ID NO:4 comprising amino acid residues 71 to 84 or amino acid residues 7 to 22.

85. (Previously presented) The antibody or the fragment thereof of Claim 2, wherein the mammalian GBS toxin receptor is expressed on a surface of a cell.

86. (Previously presented) The antibody or the fragment thereof of Claim 2, wherein the antibody is a monoclonal antibody or a polyclonal antibody.

87. (Previously presented) The antibody or the fragment thereof of Claim 2, wherein the antibody or the fragment thereof is generated by a method comprising immunizing an animal with the mammalian GBS toxin receptor or the fragment thereof.

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88. (Previously presented) The antibody or the fragment thereof of Claim 2, wherein the antibody is a rabbit antibody or a mouse antibody.

89. (Previously presented) The antibody or the fragment thereof of Claim 2, wherein the antibody recognizes an extracellular domain of the GBS toxin receptor or the fragment thereof.

90-96. (Cancelled)

97. (Previously presented) A composition for detection of a GBS toxin receptor or a fragment thereof, comprising a reagent for detection of the GBS toxin receptor or the fragment thereof.

98. (Previously presented) The composition of Claim 18, wherein the reagent for detection of the GBS toxin receptor or the fragment thereof is an antibody or a fragment thereof.

99. (Previously presented) The composition of Claim 18, wherein the antibody or the fragment thereof recognizes a mammalian GBS toxin receptor or a fragment thereof.

100. (Previously presented) The composition of Claim 19, wherein the antibody or the fragment thereof recognizes a fragment of SEQ ID NO:4 or SEQ ID NO:8.

101. (Previously presented) The composition of Claim 20, wherein the antibody or the fragment thereof recognizes a fragment of SEQ ID NO:4 comprising amino acid residues 71 to 84 or 7 to 22.

102. (Previously presented) The composition of Claim 18, wherein the GBS toxin receptor or the fragment thereof is detected in a cell or a tissue of an animal or a human.

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103. (New) The antibody or the fragment thereof of Claim 2, wherein the antibody or the fragment thereof is an inhibitor of binding of a GBS toxin to a mammalian GBS toxin receptor.